



Figure 1

Fig. 3

```

graph TD
    405[Map1 and Map2  
Displayed  
405] --> 410[User Marks 2  
Geographic Point-  
Pairs  
410]
    410 --> 410a[X-Y Points on  
Map1 Assigned  
Lat-Lon from  
Points on Map2  
410]
    410a --> 415[Initial  
Georeference  
Functions are  
Defined  
415]
    415 --> 420[User Marks Point;  
System Marks  
Point-Pair  
420]
    420 --> 425[User Validates/  
Corrects Point-  
Pairs  
425]
    425 --> 430[System Checks for  
Inconsistent Points  
430]
    430 --> 435[System Revises  
Georeference  
Functions  
435]
    435 --> 440{Enter  
Additional  
Point-Pairs?  
440}
    440 -- No --> 445[Georeferenced  
Raster Map and  
Functions are  
Stored  
445]
    440 -- Yes --> 420
  
```

Figure 4